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**GROUP ART UNIT: 2616** 

Examiner: LY, Anh Vu H.

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Pages: Cover + 1 + 8 = 10

Date: December 8, 2006

From: Georgann S. Grunebach

Fax: (310) 964-0941

**Assistant General Counsel** 

Phone (310) 964-4615

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Date: December 8, 2008

peorgann S. Grunebach, Reg. No. 33,179

Re: Serial No. 09/945,483

Filing Date: August 31, 2001

Attorney Docket No. PD-200095A

#### Enclosed:

- ➤ TRANSMITTAL FORM PTO/SB/21 (1 page)
- > RESPONSE TO OFFICE ACTION DATED NOVEMBER 29, 2006 (8 pages)

If you do not receive all pages, or pages are not clear, please call Janet Shibata at (310) 964-0736.

The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo, CA 90245

Date

December 8, 2006

#### Ø 002/010

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PTO/SB/21 (09-08) Approved for use through 03/31/2007. OMB 0651-0031
U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE lection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995 no persons are required to respond to Application Number 00/945 483 Filing Date TRANSMITTAL August 31, 2001 First Named Inventor Ying J. Feria **FORM** Art Unil 2616 Examiner Name LY, Anh Vu H. (to be used for all correspondence after initial filing) Attorney Dockel Number PD-200095A Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Drawing(s) Fee Transmittal Form Appeal Communication to Board of Appeals and Interferences Licensing-related Papers Fee Attached Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) 1 Amendment/Reply Petition to Convert to a Proprietary Information Provisional Application After Final Power of Attorney, Revocation Status Letler Change of Correspondence Address Affidavita/declaration(s) Other Enclosure(s) (please identify Terminal Disclelmer Extension of Time Request Request for Refund Express Abandonment Request CD, Number of CD(s) \_ Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name The Direct Group, Inc. Signature Printed name Georgann Ş Grunebach Reg. No. Dale 33,179 December 8, 2006 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facelmille transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class may in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case, Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commercs, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Georgann & Grunebach

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# <u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

09/945,483 Appln No.:

Filed:

August 31, 2001

Applicant(s): Feria et al.

Title:

Application of Complex Codes to

Maximize User Link Utilization

Art Unit:

2616

Examiner:

Anh Vu H. Ly

Attorney Docket No.: PD-200095

Customer No.:

020991

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Date: Décember

Granebach, Reg. No. 33,179

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450

#### RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated November 29, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 6 of this paper.